

19. ENGINEERING DIVISION LOGNOTE - 19 April 1985

WOOD *[Signature]* INTERNET/TVRO HQ TO KEY

Office of Communications, called to report on the progress. STAT that they were making on establishing the video transmission HQ to Key link. Currently they are considering two approaches. The first and least desirable, from my point of view, is to lease a T-1 line which is readily available and acquire video compression equipment needed to utilize this line. The cost of the compression is estimated by O/C to be \$400-450K. In spite of adding additional equipment, which reduces the overall reliability, we will have to see how much actual video degradation the compression technique will cause.

A second approach is to have the phone company complete their analysis of installing a special service which will probably be microwave and fiber optic cable. This has the advantage that it will not require additional in line equipment.

I informed him that the July deadline was not realistic any longer and the HQ terminal probably would be operational in the late August time frame. He expects a quote from C&P within a week or so.

cc: DD/FBIS, C/OPS. C/MOD, ~~TVRO File~~

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